

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SIKMA103  
**Product Name** Sika MA 103  
**Product Description** Powder additive for cement systems  
**Manufacturer/Supplier** Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

**2. COMPOSITION/INFORMATION ON THE COMPONENTS****Preparation - Hazardous ingredients ( Europe )**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Silica flour	14808-60-7	10.00% - 25.00%	Xn	R48/20

**3. HAZARD IDENTIFICATION**

**Main Hazards** Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.

**4. FIRST AID MEASURES**

**Eye Contact** Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.  
**Skin Contact** Wash skin with soap and water.  
**Ingestion** Wash out mouth with water. Do not induce vomiting. Obtain medical attention.  
**Inhalation** In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media** Not readily combustible.  
Use water spray, foam, dry chemical or carbon dioxide.  
**Special Hazards of Product** None.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Wear appropriate protective clothing.  
**Environmental Precautions and Clean-up Methods** Vacuum or sweep up material and place in a designated labeled waste container. Try to prevent the material from entering drains or water courses.  
**Spillages** Spillages should be removed promptly. Floors may become slippery where this product has been spilled, especially when wet. Sweep up into suitable containers for recovery or disposal. Avoid creating a dust.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid creating a dust. Use in well ventilated area.
<b>Storage</b>	Avoid contact with eyes, skin and clothing. Keep container tightly closed in a cool, well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Occupational Exposure Limits</b>	Avoid dusting when handling and avoid all possible sources of ignition (spark or flame).
-------------------------------------	--

**Occupational Exposure Limits - GB**

Silica flour	UK EH 40: MEL 0.3 mg/m <sup>3</sup> 8hr. TWA, silica crystalline dust , respirable
--------------	--

<b>Engineering Control Measures</b>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<b>Respiratory Protection</b>	Good ventilation should be provided to keep airborne dust levels below exposure limits. Dust mask if conditions are dusty.
<b>Hand Protection</b>	Wear suitable impervious gloves. The nature of the work in hand will determine the choice of gloves.
<b>Eye Protection</b>	Wear safety glasses if risks of accidental contamination are possible during application.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Powder.
<b>Color</b>	Light brown.
<b>Odor</b>	None.
<b>Flash Point °C</b>	Not applicable.
<b>Solubility - Water</b>	Partly soluble
<b>Density (kg/m<sup>3</sup>)</b>	Approx. 800. (loose)
<b>Dust Explosion hazard</b>	Dust from this product may be capable of igniting and propagating a flame.

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Sources of ignition.
<b>Hazardous Decomposition Products</b>	Combustion will generate: oxides of carbon. oxides of sulphur. acrid smoke and irritating fumes.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	Low order of acute toxicity.
<b>Eye irritation</b>	Irritating to the eyes.
<b>Skin irritation</b>	Unlikely to cause irritation from occasional contact

**12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	The product will dissolve rapidly in water.
<b>Persistence/degradability</b>	Partially biodegradable
<b>Ecotoxicity</b>	Maybe harmful to aquatic species



# SAFETY DATA SHEET

Sika MA 103

Date of issue - 20/01/2004.

SIKMA103

## 13. DISPOSAL

### *Product Disposal*

Dispose of as Special Waste.

### *Container Disposal*

Arrange for disposal via a licensed waste contractor.

Dispose of containers with care.

Empty packaging should be removed by a licensed waste contractor.

## 14. TRANSPORT INFORMATION

### *ADR/RID : Proper shipping name*

Not Regulated under ADR/RID

### *IMDG : Proper shipping name*

Not Regulated under IMDG

### *IATA : Proper shipping name*

Not Regulated under ICAO

## 15. REGULATORY INFORMATION

### *Label Requirements*

Harmful



### *Risk Phrases*

Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.

### *Safety Phrases*

Do not breathe dust.

Use only in well-ventilated areas.

### *Contains*

Silica

## 16. OTHER INFORMATION

### *First Issue Date*

10.01.2003

### *Revisions Highlighted*

Composition / information on ingredients

Exposure controls/personal protection

Disposal.

Regulatory Information

### *Uses and Restrictions*

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

### *UK Legislation*

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.

SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations

SI 2002/2677 The Control of Substances Hazardous to Health Regulations

SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

### *UK Guidance Publications*

SI No. 972/1996: The Special Waste Regulations 1996

Approved Code of Practice - Management of Health and Safety at Work, HSE.

General Approved Code of Practice to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually

### *Footnote*

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.